

Title (en)

Method and composition for sealing a subterranean zone

Title (de)

Verfahren und Zusammensetzung zum Abdichten einer unterirdischen Lagerstätte

Title (fr)

Méthode et composition pour colmater une zone souterraine

Publication

**EP 0922834 A2 19990616 (EN)**

Application

**EP 98309696 A 19981126**

Priority

US 97943597 A 19971126

Abstract (en)

A subterranean zone is sealed using a composition comprising an aqueous alkali metal silicate solution, a gelling agent and a delayed acid activator for causing the composition to set into a rigid mass. The composition is placed in the subterranean zone and allowed to set into a rigid sealing mass therein. The composition may be foamed with a gas.

IPC 1-7

**E21B 33/138**

IPC 8 full level

**C04B 28/26** (2006.01); **C09K 8/50** (2006.01); **C09K 8/512** (2006.01); **C09K 8/518** (2006.01)

CPC (source: EP US)

**C04B 20/1022** (2013.01 - EP US); **C04B 20/1029** (2013.01 - EP US); **C04B 28/26** (2013.01 - EP US); **C09K 8/46** (2013.01 - EP US); **C09K 8/50** (2013.01 - EP US); **C09K 8/512** (2013.01 - EP US); **C09K 8/518** (2013.01 - EP US)

C-Set (source: EP US)

1. **C04B 28/26 + C04B 38/103 + C04B 40/0633 + C04B 2103/10 + C04B 2103/40 + C04B 2103/44**
2. **C04B 28/26 + C04B 24/06 + C04B 24/20 + C04B 24/2641 + C04B 38/103 + C04B 40/0633**
3. **C04B 28/26 + C04B 24/045 + C04B 24/20 + C04B 24/2641 + C04B 38/103 + C04B 40/0633**
4. **C04B 20/1022 + C04B 24/06**
5. **C04B 20/1022 + C04B 2103/10**
6. **C04B 20/1029 + C04B 24/045**
7. **C04B 20/1029 + C04B 2103/10**

Cited by

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